

REMARKS

Amendment: This is the filing of an amendment under 37 CFR 1.111 and a 37 CFR 1.146 election of species II, group C, claims 15-17, affirming the provisional election and responsive to the office action of June 13, 2005.

Claims Claims 1-5 and 21-24 are cancelled as drawn to non-elected species I. Applicant elects group C claims 15-17, a housing unit having a chamber to hold the fiber sensor and a movable diaphragm in the chamber, within species II claims 6-20, a sensing device including a waveguide formed over the side surface and having a refractive index greater than an effective refractive index of the fiber.

Therefore, applicant has cancelled claims 1-5 and 21-24 drawn to the non-elected invention, and withdrawn claims 6-14 and 18-20 pending allowance of a genus claim. New claims 25-48 are added which are consonant with the elected species.

With regard to the 35 USC 112 rejection of claim 17, applicant has amended claim 17 to reference "coupled to said fiber".

With regard to the 35 USC 103 rejection of claim 15 over Beasley and Gert, applicant has amended the claim to

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limit the overlay waveguide to "having a planar surface including a coupling region along a length of said fiber for said extraction of light, where said overlay waveguide is substantially thicker than said fiber core". Applicant
5 notes that Beasley comprises two identical optical fibers in proximity to each other, and Gerdt comprises a fused optical coupler, each of which are distinct from the present invention as claimed and shown in figures 4, 7A, 8A, 10, 12, and 12A.

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With regard to the 35 USC 103 rejection of claim 16, applicant notes that claim 16 is now allowable, since claim 15 is allowable.

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Attorney of Record & new Assignee: New assignee IFOS has included a PTO/SB/82 Revocation of previous power of attorney and appointment of the following practitioner as Attorney of Record:

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Jay Chesavage
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Palo Alto, Ca. 94303
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The previous assignee, Oluma Inc., has transferred ownership of this case to new assignee IFOS (Intelligent
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Fiber Optic Systems, Inc). Attached please find an assignment statement under 37 CFR 3.73(b) and a copy of the assignment of this case from Oluma to IFOS.

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With this amendment, the claims of the present amendment are allowable. Please direct all correspondence to the new Attorney of Record:

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Respectfully Submitted,

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